



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

		Application Number	10/714,416
		Filing Date	November 14, 2003
		First Named Inventor	A. Roger Hammons, Jr.
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	4	Attorney Docket Number	021115

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Form PTO-1449; Copies of 15 References; Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Comvis Corporation Darren E. Wolf
Signature	
Date	January 29, 2004

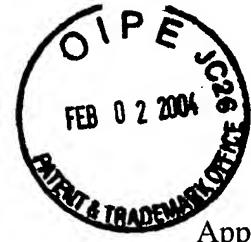
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Melinda Salin		
Signature		Date	January 29, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/714,416 Confirmation No.
First Named Inventor : A. Roger Hammons, Jr.
Filing Date : November 14, 2003
Art Unit :
Examiner :
Docket Number : 021115
Customer Number : 21398

INFORMATION DISCLOSURE STATEMENT

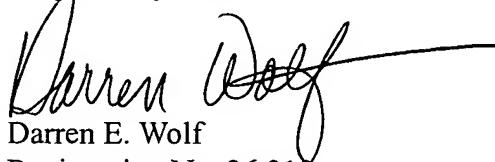
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying form PTO 1449 "Information Disclosure Statement by Applicant". A copy of the references cited herein is included.

Applicant notes that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b)."

Respectfully submitted,


Darren E. Wolf
Registration No. 36,310

Corvis Corporation
7015 Albert Einstein Drive
Columbia, MD 21046-9400
T (443) 259-4046

January 29, 2004

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket No.: 021115	Serial No.: 10/714,416
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant: A. Roger Hammons, Jr.	FEB 02 2004 PATENT & TRADEMARK OFFICE JC26
(Use several sheets if necessary)		Filing Date: November 14, 2003	
		Group:	

U. S. PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB-CLASS	FILING DATE

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

EXAMINER'S INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB-CLASS	TRANSL. Y N

EXAMINER'S INITIALS	OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)
	Burton, H.O., et al., CYCLIC PRODUCT CODES, July 1965, pp. 433-439, IEEE Transactions on Information Technology.
	Forney, Jr., G.D., GENERALIZED MINIMUM DISTANCE DECODING, April 1966, pp. 125-131, IEEE Transactions on Information Theory, Vol. IT-12, No. 2.
	Reddy, S.M., ON DECODING ITERATED CODES, September 1970, pp. 624-627, IEEE Transactions on Information Theory, Vol. IT-16, No. 5.
	Wainberg, S., ERROR-ERASURE DECODING OF PRODUCT CODES (CORRESPONDENCE), November 1972, pp. 821-823, IEEE Transactions on Information Theory.
	Chien, R.T., et al., DUAL PRODUCT CODES FOR CORRECTION OF MULTIPLE LOW-DENSITY BURST ERRORS, September 1973, pp. 672-677, IEEE Transactions on Information Theory, Vol. IT-19, No. 5.
	Kasahara, M., et al., NEW CLASSES OF BINARY CODES CONSTRUCTED ON THE BASIS OF CONCATENATED CODES AND PRODUCT CODES, July 1976, pp. 462-468, IEEE Transactions on Information Theory, Vol. IT-22, No. 4.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket No.: 021115	Serial No.: 10/714,416
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant: A. Roger Hammons, Jr.	FEB 02 2004 U.S. PATENT & TRADEMARK OFFICE ST. LOUIS
(Use several sheets if necessary)		Filing Date: November 14, 2003	
		Group:	

EXAMINER'S INITIALS	OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)		
	Wolf, J.K., EFFICIENT MAXIMUM LIKELIHOOD DECODING OF LINEAR BLOCK CODES USING A TRELLIS, January 1978, pp. 76-80, IEEE Transactions on Information Theory, Vol. IT-24, No. 1.		
	Cooper, III, A.B., et al., ITERATED CODES WITH IMPROVED PERFORMANCE (CORRESPONDENCE), January 1978, pp. 116-118, IEEE Transactions on Information Theory, Vol. IT-24, No. 1.		
	Helleseth, T., et al., THE WEIGHT HIERARCHIES OF SOME PRODUCT CODES, May 1996, pp. 1029-1034, IEEE Transactions on Information Theory, Vol. 42, No. 3.		
	Yi, C., et al., INTERLEAVING AND DECODING SCHEME FOR A PRODUCT CODE FOR A MOBILE DATA COMMUNICATION, February 1997, pp. 144-147, IEEE Transactions on Communications, Vol. 45, No. 2.		
	Kamiya, N., ON ACCEPTANCE CRITERION FOR EFFICIENT SUCCESSIVE ERRORS-AND-ERASURES DECODING OF REED-SOLOMON AND BCH CODES, September 1997, pp. 1477-1488, IEEE Transactions on Information Theory, Vol. 43, No. 5.		
	Baggen, C.P.M.J., et al., ON DIAMOND CODES, September 1997, pp. 1400-1411, IEEE Transactions on Information Theory, Vol. 43, No. 5.		
	Pyndiah, R.M., NEAR-OPTIMUM DECODING OF PRODUCT CODES: BLOCK TURBO CODES, August 1998, PP. 1003-1010, IEEE Transactions on Communications, Vol. 46, No. 8.		
	Haslach, C., et al., A DECODING ALGORITHM WITH RESTRICTIONS FOR ARRAY CODES, November 1999, pp. 2339-2344, IEEE Transactions on Information Theory, Vol. 45, No. 7.		
	Dave, S., et al., AN EFFICIENT DECODING ALGORITHM FOR BLOCK TURBO CODES, January 2001, pp. 41-46, IEEE Transactions on Communications, Vol. 49, No. 1.		
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			